RICHARD C. SLADE & ASSOCIATES LLC
CONSULTING GROUNDWATER GEOLOGISTS

SUMMARY OF OPERATIONS
FOR THE DESTRUCTION OF FORMER WATER-SUPPLY WELL NO. 1
at the
FORMER BOEING REALTY CORPORATION
C-6 FACILITY
19503 SOUTH NORMANDIE AVENUE
LOS ANGELES, CALIFORNIA

Prepared for:

Kennedy/Jenks Consultants
Irvine, California
and
Boeing Realty Corporation
Long Beach, California

Prepared by:

Richard C. Slade & Associates LLC
Consulting Groundwater Geologists
North Hollywood, California

RCS Job No. S2057
July 2001

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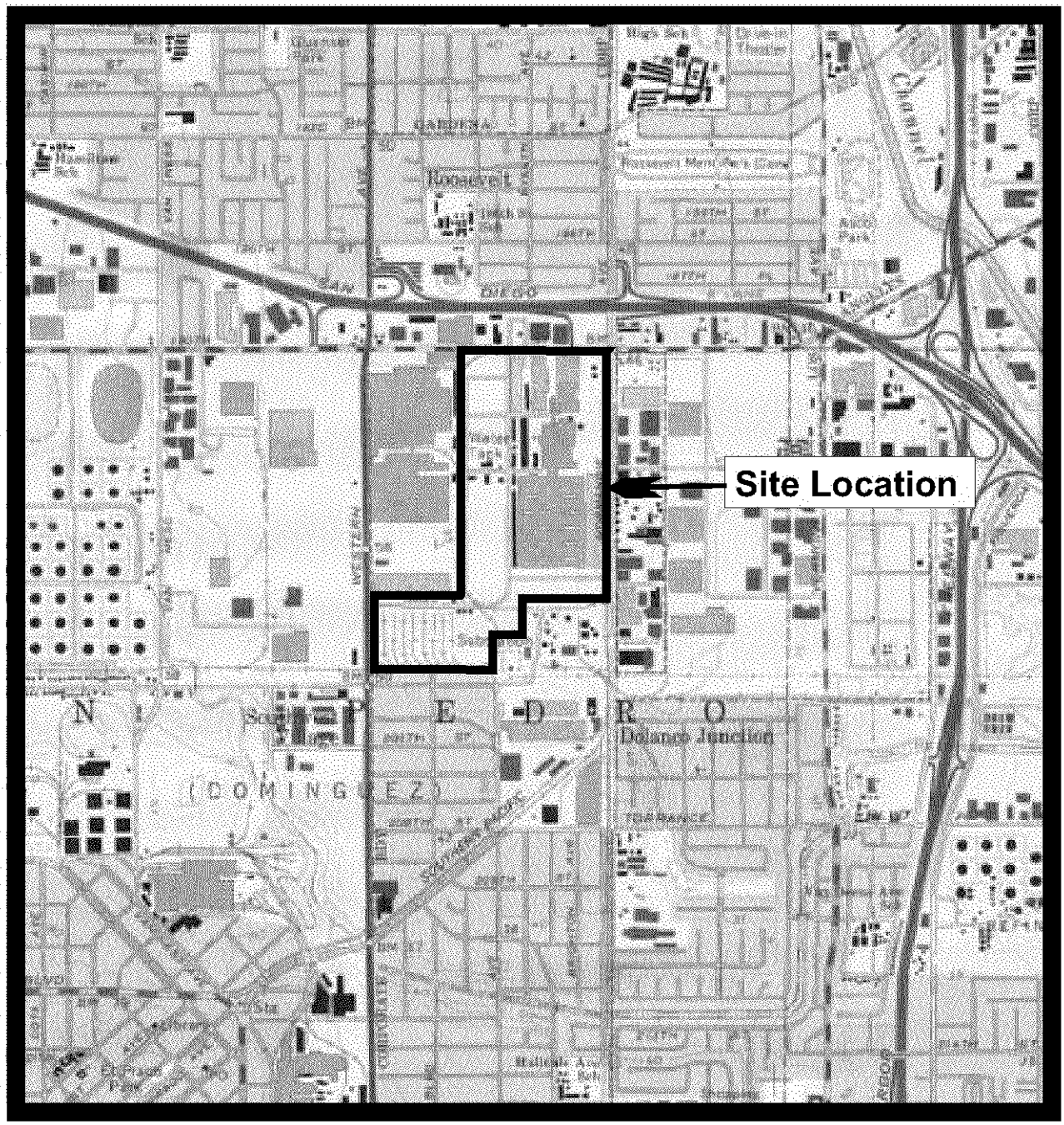
NAPA VALLEY OFFICE: 176 MAIN ST., SUITE B • ST. HELENA, NAPA VALEY, CALIFORNIA 94574 • TELEPHONE: (707) 963-3914

INTRODUCTION

This Summary of Operations report has been prepared to document procedures and methods used in the destruction of a former water-supply well at the Former Boeing Realty Corporation (BRC) C-6 Facility. This facility, as shown on Figure 1 -Site Location Map- is located on the southwest corner of the intersection of 190th Street and Normandie Avenue, in the City of Los Angeles, California. Figure 2 -Well Location Map- illustrates the approximate locations of the recently destroyed Well No. 1 and of two other water-supply wells at the facility that were previously destroyed in 1998.

Beylik Drilling Company (Beylik) of La Habra, California was the contractor that performed the destruction work for Well No. 1. Richard C. Slade & Associates LLC, Consulting Groundwater Geologists (RCS), prepared a Workplan (dated February 2001), for destruction of the well and field personnel were present to observe the well destruction work during specific tasks, as herein described. RCS personnel also maintained liaison with personnel from Beylik and Kennedy/Jenks Consultants (KJC; primarily Mr. Robert Logan) to provide in-progress information during well destruction activities. Further, Los Angeles County Department of Health Services (LACDHS) personnel (primarily Mr. Michael Lui) were also notified of ongoing well destruction activities by RCS and Beylik.

Destruction procedures were performed by Beylik based on the RCS-prepared Workplan dated February 2001 and were conducted in accordance with current California Department of Water Resources (DWR) well standards as outlined in DWR Bulletin 74-81 and its Draft supplement Bulletin 74-90. Prior to commencement of well destruction activities, a LACDHS Well Destruction Permit was obtained by Beylik. A copy of this well destruction permit is included in Appendix 1.



Base Map: USGS 7.5-minute Torrance Topographic Quadrangle

0 2000 4000

SCALE IN FEET

N

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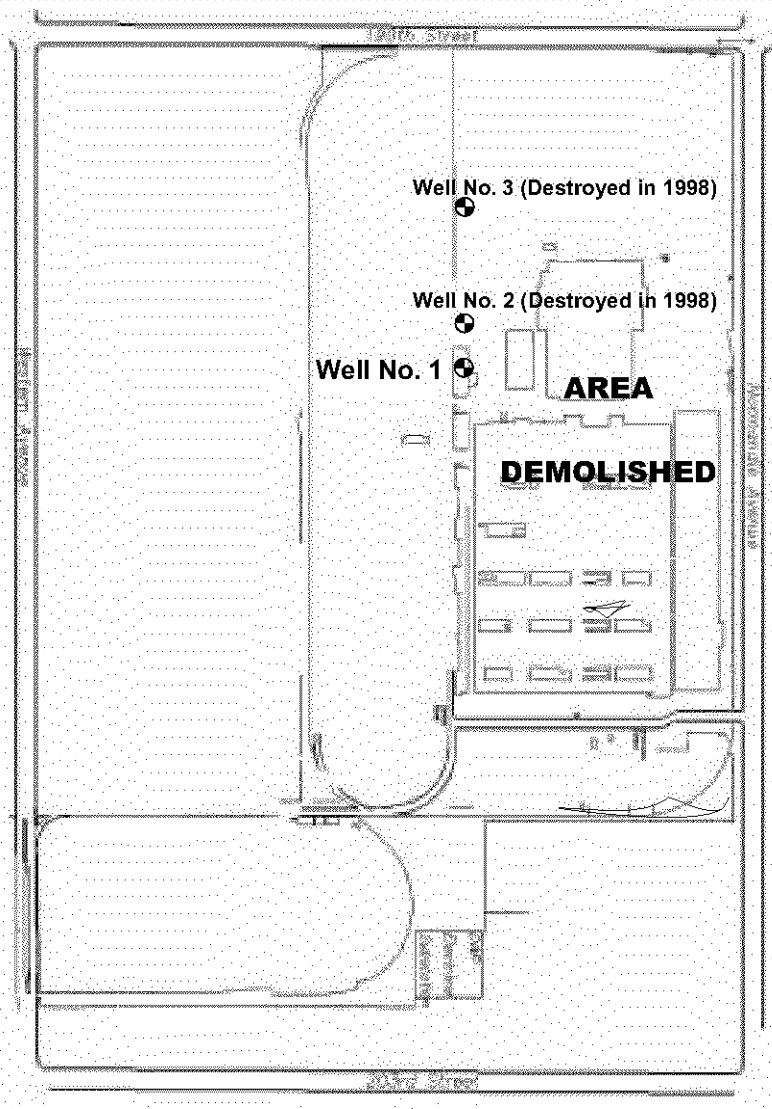
FIGURE 1
SITE LOCATION MAP
BOEING REALTY CORPORATION
FORMER C-6 FACILITY

RCS JOB NO. S2057 **JULY 2001**



NOTE: Well Locations shown were determined using Global Positioning System Methods

0 800 1600

SCALE IN FEET

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FIGURE 2
WELL LOCATION MAP
BOEING REALTY CORPORATION
FORMER C-6 FACILITY

RCS JOB NO. S2057 JULY 2001

BACKGROUND INFORMATION

Available historic information reveals that three water-supply wells (Nos. 1, 2, and 3) were constructed at the subject site in 1942. According to Los Angeles County Department of Public Works, Flood Control District (LACFCD) data, the three wells were designated as follows:

Owner Well Number	LACFCD Well Number	U.S. Geological Survey Number	California Department of Water Resources Number
1	794A	T4S/R14W-1H1	T4S/R14W-1F1
2	794B	T4S/R14W-1H2	T4S/R14W-1F2
3	794C	T4S/R14W-1H3	T4S/R14W-1F3

Original drillers' logs reveal that Well Nos. 1, 2 and 3 were drilled for the Aluminum Corporation of America (ALCOA) between July and September 1942. Well Nos. 2 and 3 were destroyed in June 1998 and a report documenting destruction of these wells, as prepared by our firm, was previously submitted to BRC in September 1998. At that time, although the status of Well No. 1 was not known, its general location was preliminarily identified by RCS personnel, using information on the driller's log, as being beneath an existing building.

During subsequent demolition activities of buildings at the site in the later part of 2000, Well No. 1 was discovered beneath the suspected building and examined by KJC personnel. The depth to the bottom of the well was measured by KJC personnel and reported as being 560 ft below ground surface (bgs). As a result of the field discovery of Well No. 1, preparation of the Workplan for destruction of the well was initiated by BRC.

Well No. 1 was drilled by the Roscoe Moss Company of Los Angeles using the cable tool drilling method in October 1942. The following table shows the construction parameters for the well as documented in the original driller's log.

Depth (ft, bgs)	Diameter of Steel Casing (inches)	Perforation Intervals (ft, bgs)
600	14	473 to 514

The perforations in the well were documented as being 5/16 inches in width and having 8 perforations per row. A copy of the original driller's log for the well is provided in Appendix 2.

WELL DESTRUCTION PROCEDURES

The following work items were conducted during destruction of Well No. 1.

1. *Preparation of Water in Casing for Video Surveying*

On April 5, 2001, the water in the well casing was prepared for video surveying by emplacing a flocculant to remove and/or settle suspended material in the fluid column; the material used was the polymer flocculant Barofloc™. This inert mixture was poured directly down the well from ground surface; this was followed by similarly emplacing approximately 500 gallons of water. Following flocculant and water application, the well was allowed to set for a period of approximately 24 hours prior to conducting the video survey.

2. *Water Well Video Survey*

Following preparation of the fluid column in the well, a video survey was performed on April 6, 2001. This video survey used a combination vertical/sidescan color camera to examine and document, on VHS tape, the field of view of the blank and perforated sections of the well casing during the vertical descent of the camera into the well. The sidescan option was used to examine, at selected depths and where deemed necessary, the physical condition of the casing and/or perforations.

The video survey was performed by Water Well Developers, Inc. of Anaheim, California. An RCS geologist was present to observe and record the results of the video survey. A record of those observations is included in Appendix 3. In addition, Beylik and KJC personnel were also present to observe the video survey of the well.

Observation of the video survey for Well No. 1 revealed that the static water surface in the well on April 6, 2001 occurred at a depth of approximately 63 ft bgs. Observations also indicated that the depths of the perforation intervals matched those reported in the original driller's log. However, a majority of the perforations appeared to be completely clogged or had not been originally placed (cut) through the walls of the casing during its construction. In addition, the casing generally appeared to be clear of encrusting material and the casing joints in the well were easily seen at four-foot depth intervals. Further, the casing walls of the well appeared to be "dimpled" throughout the entire well depth. Sediment fill was encountered near the bottom of the well at a depth of approximately 552 ft bgs. This amounts to a sediment fill thickness of approximately 48 ft.

3. *Bailing and Sampling of Sediment Fill*

The sediment fill that had been observed to occur in the bottom of the well was removed by bailing. This bailing also permitted the collection of a sediment sample which could then be submitted to a laboratory for analysis of Workplan-specified analytes. The objective of

the sampling and analysis was to determine how to dispose of the sediment fill. The bailed sediment fill was placed in a Visquine-lined excavation for temporary storage.

Bailing consisted of lowering a 10-inch-diameter metal bailer equipped with a single bottom end flap to the bottom of the well to capture and lift the collected sediment fill to the surface. After the bailer had been lowered to the bottom of the well, it was repeatedly lowered and raised in short increments to move sediment up into the bailer. The bailer was then brought to the surface with the contents being placed into the lined excavation.

Bailing of sediment in the well was conducted on April 16 and 17, 2001 and resulted in the removal of approximately 47 vertical feet of sediment from the bottom of the well. An RCS geologist was present during bailing of the sediment fill.

Following bailing, the depth of the well was measured by Beylik personnel and reported to RCS personnel to be at a depth of 599 ft bgs. The volume of sediment bailed was estimated to be approximately 1.8 cubic yards (yd^3).

The sediment bailed from the bottom of the well generally consisted of a medium to dark gray, medium- to coarse-grained sand. This material appeared to be native material.

A composite sediment sample of the bailed material was submitted to American Analytics Laboratory in Chatsworth, California, and analyzed for volatile organic compounds (VOCs, by EPA Method 8260), semi-volatile organic compounds (SVOCs, by EPA Method 8270), metals (including Chromium VI), and pH. Copies of the results of laboratory analyses for the sediment samples from the well are included in Appendix 4.

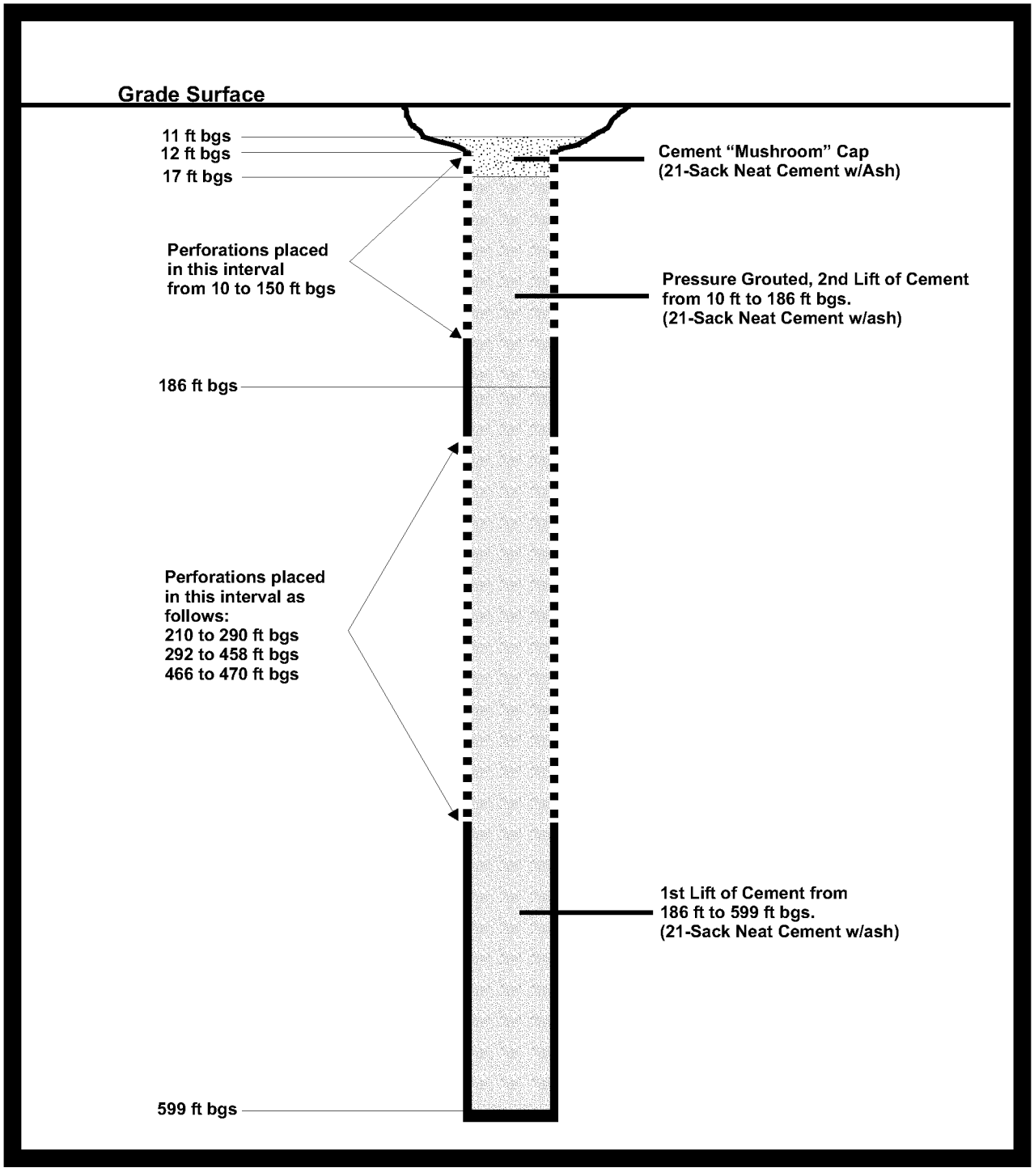
Results of laboratory analysis of the composite sediment sample revealed that VOCs and SVOCs were not detected in the sediment sample. However, the metals arsenic (As), Barium (Ba), Chromium (Cr), Copper (Cu), Nickel (Ni), Vanadium (V), and Zinc (Zn) were detected. Further, chromium VI was reportedly not detected in the sediment sample. The following table summarizes the results of the metals analyses listed together with their respective Total Threshold Limit Concentration (TTLC) and Soluble Threshold Limit Concentration (STLC) values.

Detected Metal	Sample Result (mg/Kg)	TTLC Maximum Limit (mg/Kg)	STLC Maximum Limit (mg/l)
As	2.2	500	5.0
Ba	23	10,000	100
Cr (total)	11	2,500	5
Cu	59	2,500	25
Ni	18	2,000	20
V	11	2,400	24
Zn	14	5,000	250

Because the detected metal concentrations were not above their respective TTLC values, the soil is considered to be non-hazardous. Further, because the detected metal concentrations are not greater than 10 times their respective STLC values, then the Toxicity Characteristic Leaching Procedure did not need to be performed. Thus, based on the above laboratory data, the soil is considered to be non-hazardous and suitable for reuse onsite.

4. *First Stage of New Casing Perforations*

Cutting of additional perforations into the well casing was performed in two stages and was conducted as a preliminary step before emplacing the downwell cement seals required by the Workplan. The first stage of perforating consisted of adding new perforations below a depth of approximately 210 ft bgs. A single-tooth Mills knife mechanical perforator was used to perforate the casing. Perforations consisted of 8 cuts per row, with each row being approximately one foot apart. Figure 3 –Well No. 1 Destruction Schematic –diagrammatically illustrates the perforation depths in the lower portion of the well, below 150 ft bgs.



Not to Scale
Some Features Exaggerated
for Display Purposes

RICHARD C. SLADE & ASSOCIATES LLC
CONSULTING GROUNDWATER GEOLOGISTS

FIGURE 3
WELL NO. 1 DESTRUCTION SCHEMATIC
BOEING REALTY COMPANY
FORMER C-6 FACILITY

RCS JOB NO. S2057 **JULY 2001**

This first stage of new perforations was placed in the following depth intervals, in accordance with the Workplan:

Set Number	Depth Interval (ft bgs)
1	210 to 290
2	292 to 458
3	466 to 470

The first stage of cutting the new perforations was conducted between May 8 to 10, 2001. An RCS geologist was present onsite during the first stage of perforating. In addition, Mr. Michael Lui, Health Inspector for LACDHS, was also present during the initial stages on May 8 to witness a part of this perforating stage.

5. *Lower Cement Seal*

On May 11, 2001, the sealing of the lower part of the well (below 150 ft bg) was performed, prior to conducting the second stage of casing perforating. The cement grout used consisted of a 21-sack neat cement mix grout with ash. Cement used for the seal was a standard brand Portland cement conforming to ASTM C150, Type II. The water-cement ratio was about 5 gallons of water per sack of cement (94 pounds). Mr. Lui, LACDHS inspector, and an RCS geologist were present to witness this initial cementing of the casing.

The cement grout was injected into the well casing beginning near the bottom of the well and then working upward by means of a temporary grout tremie pipe, in the bottom of which had been initially placed inside the well casing at a depth of 580 ft bgs. Cement grout materials were placed by a positive displacement method using pumping. During this process, water displaced by the cementing operation was directed, via pumping, into an onsite Baker Tank for later disposal by BRC. However, very little water was pumped from the well into the

Baker Tank, indicating that the majority of the water had been displaced outward from the well through the perforations during the grouting process.

A total of approximately 16 yd^3 of neat cement were used to fill the lower portion of the casing below 150 ft. Following approximately two days of curing, the top of the cement was measured by Beylik personnel to be at a depth of approximately 186 ft bgs. In comparison, it was calculated that approximately 16.1 yd^3 of cement would be needed to fill this interval. Thus, there is close agreement between the amount of cement used and the amount calculated to fill the interval. Copies of the cement delivery tickets are presented in Appendix 5. Figure 3 illustrates the lower cement seal.

6. *Second Stage of New Casing Perforations*

The second stage of cutting new perforations in the well casing was performed between the depths of 10 ft and 150 ft bgs. The single-tooth Mills knife mechanical perforator used during the first stage of perforating was also used in this stage of perforating and, as in the first stage, perforations consisted of 8 cuts per row, with each row being approximately one foot apart. This second stage of cutting new perforations was conducted on May 14, 2001. During this stage, an RCS geologist was present onsite to observe contractor operations. Figure 3 illustrates the upper set of perforations above 150 ft bgs.

7. *Installation (Pressure Grouting) of Upper Cement Seal*

On May 15, 2001, installation of an inflatable packer commenced. This packer was to be placed to a depth of 10 ft bgs, with 140 ft of temporary tremie pipe extending into the casing beneath the packer. However, during the final stages of the installation of the packer, the tremie pipe above the packer became separated and the packer assembly and tremie pipe were lost downhole. After a few hours of trying to retrieve the packer, Beylik personnel left the site to obtain additional tools to help retrieve the packer.

On May 16, 2001, pressure grouting of the upper part of the well between the depths of 10 ft and 186 ft bgs was performed by Beylik personnel. However, because Beylik personnel did not notify either RCS or LACDHS personnel that the inflatable packer had been retrieved or when the cement was to be delivered, RCS and LACDHS personnel were not present to witness the pressure grouting activities. Beylik personnel confirmed that the packer and tremie pipe were retrieved on May 16. 2001.

Based on the cement delivery tickets presented to RCS, the cement grout used for the second stage of sealing consisted of a 21-sack neat cement mix grout with ash. Cement used for the seal was a standard brand Portland cement conforming to ASTM C150, Type II. The water-cement ratio was about 5 gallons of water per sack of cement (94 pounds).

A total of 8 yd^3 of neat cement were reportedly used to fill the upper portion of the casing between 10 ft and 186 ft bgs. However, it was later reported that the cement was actually measured at a depth of 17 ft bgs. Based on that measurement, it was calculated that approximately 6½ yd^3 of cement was needed to fill this interval. Thus, approximately 1½ yd^3 of cement appeared to have seeped outward from the well through the perforations. A copy of the cement delivery ticket for the 10 to 186-foot interval is presented in Appendix 5. Figure 3 illustrates the upper cement seal.

8. *Installation of Mushroom Cap*

On May 17, 2001, the area around the top of the well casing was excavated using a backhoe to a depth of approximately 12 ft bgs. The exposed casing was cut off at a depth of approximately 12 ft bgs and the cement mushroom cap was installed up to a depth of approximately 11 ft bgs. Approximately 4 yd^3 of a 21-sack neat cement grout (with ash) were used in the installation of the mushroom cap on the well. A copy of the cement delivery ticket is included in Appendix 5. Figure 3 diagrammatically illustrates the cement mushroom cap above the well.

LACDHS and RCS personnel were present to observe emplacement of the mushroom cap. After the mushroom cap was set, personnel from LACDHS, Beylik, and RCS

left the site. At the request of Mr. Richard Farson of Haley Aldrich, BRC's representative at the time onsite, the excavation was left open for later backfilling and compaction by the grading contractor.

Closure

The following summarizes destruction operations for former water supply Well No. 1 at the former BRC C-6 Facility:

A. An inert polymer additive (Barafloc) was applied to the water in the well to improve water clarity for a video survey in the well.

B. Observation of the video survey revealed a static water level on April 6, 2001 in the well occurred at a depth of approximately 63 ft bgs. Sediment fill was encountered in the well at a depth of approximately 552 ft bgs. Generally, the well casing appeared to be relatively free of any encrusting material or scale/biofilm, and perforations in the casing were generally clogged or appeared not to have been installed through the wall of the casing during well construction.

C. Laboratory analyses of a sample of sediment from near the bottom of the well indicated that the sediment is considered to be native earth materials and are deemed to be non-hazardous. The material was reused onsite by BRC.

D. Due to the clogged to partially clogged condition of the perforations in the well, a single-tooth mechanical casing perforator tool was used to place additional perforations in the well. Additional perforations were placed between the depths of 10 ft and 150 ft bgs, 210 ft to 290 ft bgs, 292 ft and 458 ft bgs, and 466 ft to 470 ft bgs. These perforations were placed in two stages with cementing of the lower portion of the well being performed between each stage.

E. Following the first stage of additional perforations, the initial stage of cement sealing was performed. In this initial stage of cement sealing, neat cement grout was placed between a depth of 186 ft and 599 ft bgs; a total of 16 yd^3 of cement was used in this stage of cementing.

F. After the first stage of grouting in the well, additional perforations were installed in the well casing. This second stage of new perforations was placed between a depth of 10 ft and 150 ft bgs.

G. A second lift of grout was then placed after the additional perforations had been cut into the casing. The remaining well casing was pressure grouted during this second cement stage from a depth of 186 ft up to 10 ft bgs. Approximately 8 yd^3 of cement were used to pressure grout the well between these depths.

H. The final phase of well destruction involved the placement of the mushroom cap. The area around the top of the well casing was excavated to a depth ranging from 6 to 7 ft. Following this, the exposed well casing was cut off to a depth of approximately 6 ft bgs, and 4 yd^3 of cement grout were used to fill the remaining well casing to a height of approximately one-foot above the top of the well. After installation of this mushroom cap, the small excavation was backfilled, thereby completing the destruction of Well No. 1.

The above-described procedures were conducted in accordance with the Site Workplan and in accordance with DWR Bulletin 75-81 and its Draft Supplement Bulletin 74-90 guidelines. As a result, destruction of the well has been completed and project closure has been achieved. The attachments and appendices complete this report.

Respectfully submitted
RICHARD C. SLADE & ASSOCIATES

Earl F. LaPensee
Certified Hydrogeologist No. 134

Richard C. Slade
Certified Engineering Geologist No. 939

APPENDIX 1
WELL DESTRUCTION PERMIT

WELL PERMIT APPLICATION

WATER & SEWAGE / MOUNTAIN & RURAL PROGRAMS - ENVIRONMENTAL HEALTH DIVISION
5555 CORPORATE PLACE, ROOM 150, MONTEREY PARK, CA 91754 (323) 881-4147

DATE: 3/24/2001

- ☐ NEW WELL CONSTRUCTION
- ☐ RECONSTRUCTION OR RENOVATION
- ☒ DECOMMISSIONING
- ☐ OTHER:

- ☐ PRIVATE DOMESTIC
- ☐ IRRIGATION
- ☒ INDUSTRIAL
- ☐ GRAVEL PACK

- ☐ PUBLIC DOMESTIC
  - ☐ Small System
  - ☐ Large System
- ☐ Other:

WELL LOCATION

SITE ADDRESS: 19503 S. Normandie	CITY: Los Angeles		ZIP CODE: 90248
Township: 4S	Range: 14W	Section: 1F1	Map Book Page/ Grid:
GPS LOCATION : (To be completed after the final seal)			

WELL STRUCTURE

Type and Size of Production Casing	
Sanitary / Annular Sealing Material	
Depth of Sanitary / Annular Seal	
Conductor Casing Seal	

CONSULTANT

Company	Richard Slade & Assoc
Contact Person	Earl La Rosse
Address	6442 Coldwater Canyon Suite 214
City, State Zip	N. Hollywood Ca. 91606
Telephone	818-506-0418

OWNER / DRILLER INFORMATION

Well Owner	Boeing Realty
Address	3760 Kilroy Airport Way
City / Zip Code	Long Beach Ca. 90806
Telephone	562-593-9699
Well Driller	Beylik Drilling Inc
Address	555 S. Harbor
City / Zip Code	La Habra Ca. 90631
C-57 License No.	306291
Telephone	562-691-0903

IF WELL AND GEOLOGIC CONDITIONS ENCOUNTERED IN THE FIELD ARE FOUND TO DIFFER FROM THE SCOPE OF WORK PRESENTED TO THIS OFFICE, WORK PLAN MODIFICATIONS MAY BE REQUIRED

DISPOSITION OF PERMIT (Department Use Only)
THIS PERMIT IS CONSIDERED COMPLETE WHEN THE WORK PLAN IS APPROVED, A FINAL INSPECTION CONDUCTED BY THIS DEPARTMENT, AND THE RECEIPT OF A WELL COMPLETION LOG. NO WELL CONSTRUCTION OR DECOMMISSIONING CAN BE INITIATED WITHOUT THE WORK PLAN APPROVAL FROM THIS DEPARTMENT.

WORK PLAN APPROVAL
This Approval is Valid for 180 Days

Date: 4/11/01 REHS: Michael Lin

Conditions: FAX 1/1/01 well abandonment request to Larry Gomez at 562-690-9192

WELL DECOMMISSIONING

Well Depth D. leg / rounds	14" x 600'
Method of Well Assessment	Video Survey
Depth and Number of Perforations	473-814
Type of Perforator Size of Perforations	Hydraulic Perf's Horiz.
Type and Amount of Sealant	24 Yards Neat Cement
Method of Upper Seal Pressure Application	Pressure Grout

THE PLACEMENT OF THE ANNULAR SEAL MUST BE WITNESSED BY THIS DEPARTMENT. CONTACT THIS OFFICE AND ARRANGE FOR AN APPOINTMENT.

FINAL INSPECTION
Annular seal or final decommissioning seal witnessed

Date: 5/16/01 REHS: Michael Lin

PERMIT ISSUED
The well log must be submitted to this Department prior to issuance of the final approval

Date: 5/17/01 REHS: Michael Lin

I hereby agree to comply in every respect with all the regulations of the County Environmental Health Division and with all ordinances and laws of the County of Los Angeles and the State of California pertaining to well construction, reconstruction and decommissioning. Upon completion of the well and within thirty days thereafter, I will furnish the Environmental Health office with a completion log of the well giving date drilled, depth of the well, perforations in the casing, and any other data deemed necessary by County Environmental Health Division.

Applicant's Signature

Applicant Name: (PRINT) Larry Gomez
Telephone: (562) 755-5815

THE COMPLETED WELL MUST BE PROPERLY DISINFECTED AND MEET BACTERIOLOGICAL STANDARDS PRIOR TO USE

WATER QUALITY
The water from the well must meet bacteriological standards prior to domestic use

Date: REHS:

ENTERED A.L.

H-12 (Rev. 01/2001)

BOE-C6-0000060

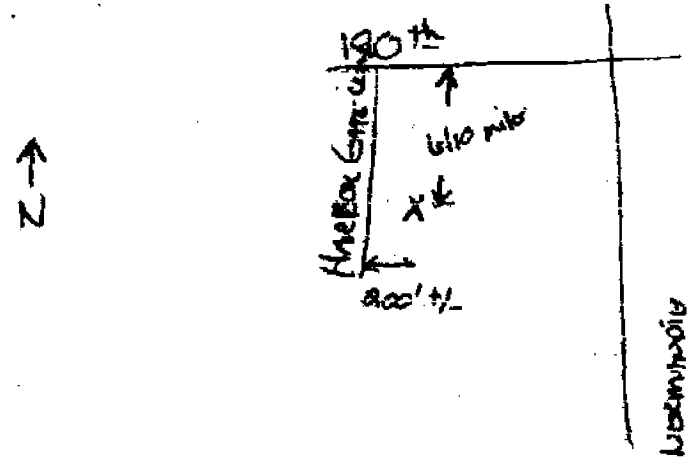
WELL LOCATION (ADDRESS)	CITY	ZIP CODE
19503 S. Normandie	Los Angeles	90248

Anticipated Start Date: 4/9/2001	Anticipated End Date: 4/13/2001

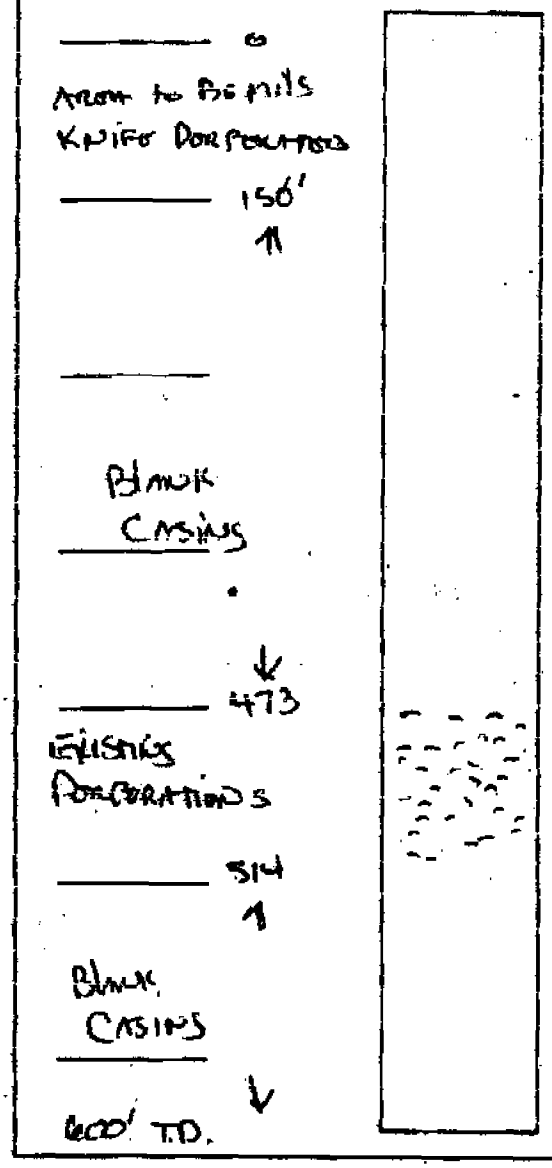
Additional Contact Persons In Case of Emergency: Boyle Drilling Inc. Telephone: 562-691-0503

GENERAL LOCATION SKETCH

Provide site specific information on a WELL CONSTRUCTION LOCATION DETAIL sheet.



WELL DECOMMISSIONING DIAGRAM



WORK PLAN DETAILS

Video Log, Drill well to Total Depth, Mills Knife Perforate well From 3' BGS to 150' BGS., Install Tremie Pipe to Bottom of well, Pressure Grout well in 200' Lifts, Grout to within 50' of Surface. Expose and Cut Casing Down 5' Below Ground Surface, Fill Casing and Form Mushroom Cap over Well, Wheel Roll Compact Surface Area

NOTES / COMMENTS (Department Use Only)

APPENDIX 2
ORIGINAL DRILLER'S LOG OF WELL

(Defense Plants Corporation)

ROSCOE MOSS COMPANY

4360 WORTH STREET
LOS ANGELES, CAL.

WELL CONTRACTORS RENTAL TOOLS

Log of Well No. 2 Drilled for Aluminum Co. of America,
or Torrance, Calif.
Exact Location Plant 190th and Normandie St. Torrance, Cal.
Started Work Sept. 18, 1942
Completed Work October 9, 1942
Total depth 600 Size of shoe
600 ft. of 14 inch 10 gauge casing used and left in well
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Type of Perforator used Hydraulic 5/16"
Perforated 514 ft. to 473 ft. 8 Holes per 4 inches
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Make sketch of perforations to explain, showing Spacing.

Diameter of Perforations inches
Length of Perforations "
Depth at which water was first found 68 ft.
Standing level before perforating 69 to 80 "
Standing level after perforating 83 "

Note below your observation of any change in water level while drilling

Water level when first started Test 83 ft.
Draw down from standing level "
No. of gallons per minute pumped when Test was first started
No. of gallons per minute pumped when Test completed 615
Draw down at completion of Test 33 ft.

Formation: Mention size of water gravel—

0 ft. to	154 ft.	Sandy clay-soft streaks
154 " "	182 "	Fine sand
182 " "	210 "	Blue sand and clay
210 " "	290 "	Blue clay
290 " "	292 "	Sand and gravel to 3/4"
292 " "	420 "	Blue sandy clay
420 " "	458 "	Clay
458 " "	486 "	Fine to coarse sand.
486 " "	470 "	Blue clay
470 " "	480 "	Sand to 1/2" gravel.
480 " "	490 "	Clay, sand and gravel.
490 " "	502 "	Sand, gravel to 3".
502 " "	512 "	Sand to 3/4" gravel.
512 " "	536 "	Sandy clay, some gravel.
536 " "	600 "	Fine sand and clay.
" "	"	
" "	"	

From	To	Formation
154	182	Fine sand
182	210	Blue sand and clay
210	290	Blue clay
290	292	Sand and gravel to 3/4"
292	420	Blue sandy clay
420	458	Clay
458	466	Fine to coarse sand.
466	470	Blue clay.
470	480	Sand to 1½" gravel.
480	490	Clay, sand and gravel.
490	502	Sand, gravel to 3".
502	512	Sand to 3/4" gravel.
512	536	Sandy clay, some gravel.
536	600	Fine sand and clay.

If reducing strings of casing were cut off, state how cut

Depth from surface cut ________ ft.

Size of casing cut ________ in.

Lap in larger casing ________ ft.

Was adapter or cement used? ________

If casing was swedged or repaired, state depth, describe repairs and condition in which casing was left and probable future effect:

Make drawing of adapter as it appears, showing dimensions.

Is well straight, top to bottom? Practically.

If not, what is the variation? ________

Will there be any detrimental effect on pump? None.

If so, what effect? ________

Give any additional data which may be of future value ________

Driller must fill in report as work progresses and report must be complete for his successor.

Date of report October 14, 1942

Type and Rig No. used No. 23 V. Peterson, Driller

BOE-C6-0000064

APPENDIX 3
VIDEO SURVEY LOG

Water Well Redevelopers, Inc.

PHONE: (714) 632-7003
(800) 213-5095

2881 BLUE STAR STREET
ANAHEIM, CALIFORNIA 92806

FAX: (714) 632-7306
http://www.sonar-jet.com

VIDEOLOG FIELD REPORT

OWNER: Boeing Corporation
190th & Normandie
Torrance, CA

WELL LOCATION: 2 mi. South of 190th St. & 75' East of
Harborgate Ave.
Los Angeles, CA

WELL NO. 1 TECHNICIAN: BJC UNIT NO. 2 DATE: 04-06-01

WELL HISTORY

CASING: 14"-0' to 600'
Stovepipe
(Per Driller's Log)

PERFORATIONS: 472'-511'
(Per Videolog (DC) 04-06-01)

DRILLED 1942 BY Roscoe Moss TYPE Cable Tool PERF. TYPE Moss Hydraulic

PUMP: TYPE N/A COLUMN N/A BOWLS N/A DEPTH OF INTAKE N/A

WELL HISTORY NOTES: Discovered beneath excavated bldg.; to be abandoned

VIDEOLOG INFORMATION

SWL 61' TWD 551' WATER VISIBILITY Bad Poor Fair Good Poor

VIDEOLOG DC REVIDEO LOG TO Beylik TAPE TO Beylik/R.Slide

REMARKS:

ALL DEPTHS RECORDED FROM PRESENT GROUND LEVEL.

CAMERA CENTERING GUIDE SET AT 12" I.D. DURING SURVEY. NO DRAG NOTED WHILE DESCENDING.

CASING APPEARS RELATIVELY CLEAN FROM 1' TO 134' AND 200' TO 551', WHERE VISIBLE. A MODERATE TO LIGHT CRUSTY UNIFORM MINERAL DEPOSITION CAN BE SEEN FROM 134' TO 200'.

HIGHLY TURBID WATER REDUCES VISIBILITY TO NEAR ZERO AT 61' (STATIC), WITH GRADUAL CLEARING TO 165'. WATER IS AGAIN TURBID, REDUCING VISIBILITY FROM 510' TO 551' (BOTTOM).

CASING PERIODICALLY EXHIBITS MANY LIGHT, ROUNDED, INWARD DENTS BETWEEN 200' AND 500'.

MAJORITY OF PERFORATIONS APPEAR RESTRICTED, PLUGGED OR NOT ENTIRELY CUT FROM 472' TO 511'.

OTHER THAN ABOVE, CASING, JOINTS AND PERFORATIONS APPEAR RELATIVELY CLEAN AND IN NORMAL CONDITION, WHERE VISIBLE.

APPENDIX 4
RESULTS OF LABORATORY ANALYSIS OF WELL BOTTOM SEDIMENT SAMPLE

AMERICAN ANALYTICS

LABORATORY ANALYSIS RESULTS

Client: Richard C. Slade & Assoc.
Project No.: 52057
Project Name: Boeing Well No.1
Sample Matrix: Soil
Method: EPA 9045 (pH Measurement)

AA Project No.: A44203
Date Received: 04/17/01
Date Reported: 04/18/01
Units: pH

AA I.D. No.	Client I.D. No.	Date Sampled	Date Analyzed	Results	MRL
119469	Well No.1	04/16/01	04/17/01	7.07	0.01

MRL: Method Reporting Limit

for:

George Havalias
Laboratory Director

AMERICAN ANALYTICS

LABORATORY ANALYSIS RESULTS

Client: Richard C. Slade & Assoc.
Project No.: 52057
Project Name: Boeing Well No.1
Sample Matrix: Soil
Method: CAM Metals

AA Project No.: A44203
Date Received: 04/17/01
Date Reported: 04/24/01
Units: mg/Kg

Date Sampled:	**04/16/01**	
Date Analyzed:	**04/20/01**	
AA ID No.:	**119469**	
Client ID No.:	**Well No.1**	**MRL**
Compounds:		
Antimony	<10	10
Arsenic	2.2	0.5
Barium	23	10
Beryllium	<1	1
Cadmium	<1	1
Chromium	11	3
Cobalt	<3	3
Copper	59	3
Lead	<3	3
Mercury	<0.05	0.05
Molybdenum	<5	5
Nickel	18	3
Selenium	<0.5	0.5
Silver	<1	1
Thallium	<5	5
Vanadium	11	10
Zinc	14	3

MRL: Method Reporting Limit

George Havalias
Laboratory Director

AMERICAN ANALYTICS

LABORATORY QA/QC REPORT

Client: Richard C. Slade & Assoc.
Project Name: Boeing Well No.1
Method: CAM Metals
Sample ID: Matrix Spike
Concentration: 50 mg/Kg

AA ID No.: 119469
Project No.: 52057
AA Project No.: A44203
Date Analyzed: 04/20/01
Date Reported: 04/25/01

Compounds	Result (mg/Kg)	Spike Recovery (%)	Dup. Result (mg/Kg)	Spike/Dup. Recovery (%)	RPD (%)	Accept.Rec. Range (%)
Antimony	28.9	58	29.2	58	0	20 - 120
Arsenic	39.9	80	39.8	80	0	50 - 150
Barium	49.8	100	51.3	103	3	50 - 150
Beryllium	48.7	97	45.0	90	7	50 - 150
Cadmium	33.8	68	35.6	71	4	50 - 150
Chromium	45.7	91	49.6	99	8	50 - 150
Cobalt	45.0	90	47.6	95	5	50 - 150
Copper	81.0	162	78.0	156	4	50 - 150
Lead	46.9	94	47.0	94	0	50 - 150
Mercury	47.1	94	45.9	92	2	50 - 150
Molybdenum	60.0	120	50.0	100	18	50 - 150
Nickel	47.3	95	50.5	101	6	50 - 150
Selenium	42.0	84	41.1	82	2	50 - 150
Silver	48.6	97	48.5	97	0	50 - 150
Thallium	45.8	92	45.0	90	2	50 - 150
Vanadium	47.8	96	44.0	88	9	50 - 150
Zinc	43.6	87	45.2	90	3	50 - 150

George Havalias
Laboratory Director

AMERICAN ANALYTICS

LABORATORY ANALYSIS RESULTS

Client: Richard C. Slade & Assoc.
Project No.: 52057
Project Name: Boeing Well No.1
Sample Matrix: Soil
Method: EPA 7196 (Hexavalent Cr)

AA Project No.: A44203
Date Received: 04/17/01
Date Reported: 04/18/01
Units: mg/Kg

AA I.D. No.	Client I.D. No.	Date Sampled	Date Analyzed	Results	MRL
119469	Well No.1	04/16/01	04/17/01	<0.5	0.5

MRL: Method Reporting Limit

George Havalias
Laboratory Director

AMERICAN ANALYTICS

LABORATORY QA/QC REPORT

Client: Richard C. Slade & Assoc.
Project Name: Boeing Well No.1
Method: EPA 7196 (Hexavalent Cr)
Sample ID: Matrix Spike
Concentration: 0.2 mg/Kg

AA ID No.: 119469
Project No.: 52057
AA Project No.: A44203
Date Analyzed: 04/17/01
Date Reported: 04/18/01

Compounds	Result (mg/Kg)	Spike Recovery (%)	Dup. Result (mg/Kg)	Spike/Dup. Recovery (%)	RPD (%)	Accept.Rec. Range (%)
Chromium(Hex)	0.197	99.0	0.19	95.0	4.1	50 - 150

for:

George Havalias
Laboratory Director

AMERICAN ANALYTICS

LABORATORY ANALYSIS RESULTS

Client: Richard C. Slade & Assoc.
Project No.: 52057
Project Name: Boeing Well No.1
Sample Matrix: Soil
Method: EPA 8260B

AA Project No.: A44203
Date Received: 04/17/01
Date Reported: 04/23/01
Units: ug/Kg

Date Sampled:	**04/16/01**	
Date Analyzed:	**04/20/01**	
AA ID No.:	**119469**	
Client ID No.:	**Well No.1**	**MRL**
Compounds:		
Acetone	<50	50
Benzene	<2	2
Bromobenzene	<5	5
Bromochloromethane	<5	5
Bromodichloromethane	<5	5
Bromoform	<5	5
Bromomethane	<5	5
2-Butanone	<50	50
Butylbenzene	<5	5
Carbon disulfide	<5	5
Carbon tetrachloride	<5	5
Chlorobenzene	<5	5
Chloroethane	<5	5
Chloroform	<5	5
Chloromethane	<5	5
2-Chlorotoluene	<5	5
4-Chlorotoluene	<5	5
1,2-Dibromo-3-chloropropane	<10	10
Dibromochloromethane	<5	5
1,2-Dibromoethane	<5	5
Dibromomethane	<5	5
1,2-Dichlorobenzene	<5	5
1,3-Dichlorobenzene	<5	5
1,4-Dichlorobenzene	<5	5
Dichlorodifluoromethane	<5	5

for:

George Havallas
Laboratory Director

AMERICAN ANALYTICS

LABORATORY ANALYSIS RESULTS

Client: Richard C. Slade & Assoc.
Project No.: 52057
Project Name: Boeing Well No.1
Sample Matrix: Soil
Method: EPA 8260B

AA Project No.: A44203
Date Received: 04/17/01
Date Reported: 04/23/01
Units: ug/Kg

Date Sampled:	**04/16/01**	
Date Analyzed:	**04/20/01**	
AA ID No.:	**119469**	
Client ID No.:	**Well No.1**	**MRL**
Compounds:		
1,1-Dichloroethane	<5	5
1,2-Dichloroethane	<5	5
1,2-Dichloroethene-(cis)	<5	5
1,2-Dichloroethene-(trans)	<5	5
1,1-Dichloroethene	<5	5
1,2-Dichloropropane	<5	5
1,3-Dichloropropane	<5	5
2,2-Dichloropropane	<5	5
1,3-Dichloropropene-(cis)	<5	5
1,3-Dichloropropene-(trans)	<5	5
1,1-Dichloropropene	<5	5
Ethylbenzene	<2	2
Hexachlorobutadiene	<10	10
2-Hexanone	<50	50
Isopropylbenzene	<5	5
Isopropyltoluene	<10	10
Methyl tert-Butyl Ether	<5	5
4-Methyl-2-pentanone	<50	50
Methylene chloride	<50	50
Naphthalene	<10	10
Propylbenzene	<5	5
Styrene	<5	5
1,1,1,2-Tetrachloroethane	<5	5
1,1,2,2-Tetrachloroethane	<5	5
Tetrachloroethene	<5	5

for:
George Havalias
Laboratory Director

AMERICAN ANALYTICS

LABORATORY ANALYSIS RESULTS

Client: Richard C. Slade & Assoc.
Project No.: 52057
Project Name: Boeing Well No.1
Sample Matrix: Soil
Method: EPA 8260B

AA Project No.: A44203
Date Received: 04/17/01
Date Reported: 04/23/01
Units: ug/Kg

Date Sampled:	**04/16/01**	
Date Analyzed:	**04/20/01**	
AA ID No.:	**119469**	
Client ID No.:	**Well No.1**	**MRL**
Compounds:		
Toluene	<2	2
1,2,3-Trichlorobenzene	<5	5
1,2,4-Trichlorobenzene	<5	5
1,1,1-Trichloroethane	<5	5
1,1,2-Trichloroethane	<5	5
Trichloroethene	<5	5
Trichlorofluoromethane	<5	5
1,2,3-Trichloropropane	<5	5
1,2,4-Trimethylbenzene	<5	5
1,3,5-Trimethylbenzene	<5	5
Vinyl chloride	<5	5
m,p-Xylenes	<2	2
o-Xylene	<2	2
sec-Butylbenzene	<5	5
tert-Butylbenzene	<5	5

MRL: Method Reporting Limit

George Havaliis
Laboratory Director

AMERICAN ANALYTICS

LABORATORY QA/QC REPORT

Client: Richard C. Slade & Assoc.
Project Name: Boeing Well No.1
Method: EPA 8260B
Sample ID: Matrix Spike
Concentration: 40 ug/Kg

AA ID No.: 119607
Project No.: 52057
AA Project No.: A44203
Date Analyzed: 04/20/01
Date Reported: 04/23/01

Compounds	Result (ug/Kg)	Spike Recovery (%)	Dup. Result (ug/Kg)	Spike/Dup. Recovery (%)	RPD (%)	Accept.Rec. Range (%)
Bromoform	32.22	81	36.10	90	11	45 - 169
Chlorobenzene	36.12	90	37.44	94	4	37 - 160
Chloroform	38.48	96	40.56	101	5	51 - 138
1,1-Dichloroethane	38.84	97	40.96	102	5	54 - 155
1,1-Dichloroethene	37.46	94	40.26	101	7	2 - 234
Isopropylbenzene	39.70	99	39.28	98	1	50 - 150
Propylbenzene	39.04	98	37.86	95	3	50 - 150
Tetrachloroethene	36.24	91	37.12	93	2	64 - 148
Toluene	36.08	90	36.38	91	1	47 - 150
1,3,5-Trimethylbenzene	38.56	96	38.42	96	0	50 - 150
Vinyl chloride	39.06	98	40.22	101	3	2 - 251

George Havalias
Laboratory Director

AMERICAN ANALYTICS

LABORATORY ANALYSIS RESULTS

Client: Richard C. Slade & Assoc.
Project No.: 52057
Project Name: Boeing Well No.1
Sample Matrix: Soil
Method: EPA 8270

AA Project No.: A44203
Date Received: 04/17/01
Date Reported: 04/19/01
Units: mg/Kg

Date Sampled:	**04/16/01**	
Date Analyzed:	**04/18/01**	
Date Extracted:	**04/17/01**	
AA ID No.:	**119469**	
Client ID No.:	**Well No.1**	**MRL**
Compounds:		
Acenaphthene	<0.1	0.1
Acenaphthylene	<0.1	0.1
Aniline	<0.2	0.2
Anthracene	<0.1	0.1
Azobenzene	<0.1	0.1
Benzidine	<0.4	0.4
Benzo(a)anthracene	<0.1	0.1
Benzo(a)pyrene	<0.1	0.1
Benzo(b)fluoranthene	<0.1	0.1
Benzo(g,h,i)perylene	<0.1	0.1
Benzo(k)fluoranthene	<0.1	0.1
Benzoic acid	<1	1
Benzyl Alcohol	<0.1	0.1
Bis(2-chloroethoxy)methane	<0.1	0.1
Bis(2-chloroethyl)ether	<0.1	0.1
Bis(2-chloroisopropyl)ether	<0.1	0.1
Bis(2-ethylhexyl)phthalate	<0.2	0.2
4-Bromophenyl phenyl ether	<0.1	0.1
Butyl benzyl phthalate	<0.5	0.5
4-Chloro-3-methylphenol	<0.2	0.2
4-Chloroaniline	<0.4	0.4
2-Chloronaphthalene	<0.1	0.1
2-Chlorophenol	<0.1	0.1
4-Chlorophenyl phenyl ether	<0.1	0.1
Chrysene	<0.1	0.1

George Havalias
Laboratory Director

AMERICAN ANALYTICS

LABORATORY ANALYSIS RESULTS

Client: Richard C. Slade & Assoc.
Project No.: 52057
Project Name: Boeing Well No.1
Sample Matrix: Soil
Method: EPA 8270

AA Project No.: A44203
Date Received: 04/17/01
Date Reported: 04/19/01
Units: mg/Kg

Date Sampled:	**04/16/01**	
Date Analyzed:	**04/18/01**	
Date Extracted:	**04/17/01**	
AA ID No.:	**119469**	
Client ID No.:	**Well No.1**	**MRL**
Compounds:		
Di-n-butyl phthalate	<2	2
Di-n-octyl phthalate	<0.1	0.1
Dibenzo(a,h)anthracene	<0.1	0.1
Dibenzofuran	<0.1	0.1
1,2-Dichlorobenzene	<0.1	0.1
1,3-Dichlorobenzene	<0.1	0.1
1,4-Dichlorobenzene	<0.1	0.1
3,3'-Dichlorobenzidine	<0.4	0.4
2,4-Dichlorophenol	<0.1	0.1
Diethylphthalate	<0.8	0.8
2,4-Dimethylphenol	<0.1	0.1
Dimethylphthalate	<0.2	0.2
2,4-Dinitrophenol	<0.4	0.4
2,4-Dinitrotoluene	<0.1	0.1
2,6-Dinitrotoluene	<0.1	0.1
Fluoranthene	<0.1	0.1
Fluorene	<0.1	0.1
Hexachlorobenzene	<0.1	0.1
Hexachlorobutadiene	<0.1	0.1
Hexachlorocyclopentadiene	<0.1	0.1
Hexachloroethane	<0.1	0.1
Indeno(1,2,3-cd)pyrene	<0.4	0.4
Isophorone	<0.1	0.1
2-Methyl-4,6-dinitrophenol	<0.2	0.2
2-Methylnaphthalene	<0.1	0.1

for:

George Havalias
Laboratory Director

AMERICAN ANALYTICS

LABORATORY ANALYSIS RESULTS

Client: Richard C. Slade & Assoc.
Project No.: 52057
Project Name: Boeing Well No.1
Sample Matrix: Soil
Method: EPA 8270

AA Project No.: A44203
Date Received: 04/17/01
Date Reported: 04/19/01
Units: mg/Kg

Date Sampled:	**04/16/01**	
Date Analyzed:	**04/18/01**	
Date Extracted:	**04/17/01**	
AA ID No.:	**119469**	
Client ID No.:	**Well No.1**	**MRL**
Compounds:		
2-Methylphenol	<0.2	0.2
4-Methylphenol	<0.2	0.2
N-Nitrosodi-n-propylamine	<0.1	0.1
N-Nitrosodimethylamine	<0.1	0.1
N-Nitrosodiphenylamine	<0.1	0.1
Naphthalene	<0.1	0.1
2-Nitroaniline	<0.1	0.1
3-Nitroaniline	<0.4	0.4
4-Nitroaniline	<0.2	0.2
Nitrobenzene	<0.1	0.1
2-Nitrophenol	<0.2	0.2
4-Nitrophenol	<0.2	0.2
Pentachlorophenol	<0.1	0.1
Phenanthrene	<0.1	0.1
Phenol	<0.1	0.1
Pyrene	<0.1	0.1
1,2,4-Trichlorobenzene	<0.1	0.1
2,4,5-Trichlorophenol	<0.2	0.2
2,4,6-Trichlorophenol	<0.2	0.2

MRL: Method Reporting Limit

George Havalias
Laboratory Director

AMERICAN ANALYTICS

LABORATORY QA/QC REPORT

Client: Richard C. Slade & Assoc.
Project Name: Boeing Well No.1
Method: EPA 8270
Sample ID: Matrix Spike
Concentration: 50 ug/Kg

AA ID No.: 119426
Project No.: 52057
AA Project No.: A44203
Date Analyzed: 04/18/01
Date Reported: 04/24/01

Compounds	Result (ug/Kg)	Spike Recovery (%)	Dup. Result (ug/Kg)	Spike/Dup. Recovery (%)	RPD (%)	Accept.Rec. Range (%)
Acenaphthene	34.67	69	31.78	64	8	47 - 145
4-Chloro-3-methylphenol	31.64	63	33.13	66	5	22 - 147
2-Chlorophenol	28.42	57	28.81	58	2	23 - 134
1,4-Dichlorobenzene	22.90	46	19.84	40	14	20 - 124
2,4-Dinitrotoluene	41.06	82	37.66	75	9	39 - 139
N-Nitrosodi-n-propylamine	21.45	43	20.17	40	7	5 - 230
4-Nitrophenol	26.16	52	24.72	49	6	5 - 132
Pentachlorophenol	27.70	55	24.60	49	12	14 - 176
Phenol	19.05	38	21.00	42	10	5 - 112
Pyrene	44.00	88	42.00	84	5	25 - 115
1,2,4-Trichlorobenzene	26.03	52	25.92	52	0	44 - 142

George Havaliss
Laboratory Director

AMERICAN ANALYTICS CHAIN-OF-CUSTODY RECORD

9765 ETON AVE., CHATSWORTH, CA 91311

Tel: 818-998-5547 FAX: 818-998-7258

DATE: 4/17/81

PAGE 1 OF 1

AA Client: Richard C. Slade & Assoc.	Phone: (818) 506-0418
Project Manager: Earl Calpenso	P.O. No.
Project Name: Boeing Well No. 1	Project No. 52057
Name and Address: (818) 506-0418 Phone, 6442 Coldwater Cyn. Ave, North Hollywood, CA	
Sampler's Name: Earl Calpenso	Sampler's Signature: [signature]
Project Manager's Signature: Ditto	

ANALYSIS REQUIRED (Test Name): pH, Total Metals, Cr6+, 8260, 8270

Special Test Requirements / Comments (i.e., - Turnaround Time, Detection Limits, Data Package.....)

Client's I.D.	A.A. I.D.#	Date	Time	Sample Type	Number of Containers	pH	Total Metals	Cr6+	8260	8270				Special Test Requirements / Comments
Well No. 1	119469	4/16/81	3:45pm	Soil	2	X	X	X	X	X				Normal Turnaround

SAMPLE INTEGRITY-TO BE FILLED IN BY RECEIVING LAB

	Yes	No
Samples Intact	✓	
Samples Properly Cooled	✓	
Samples Accepted	✓	

If Not Why: ______

AA Project No. A 44203

Relinquished by	Date	Time	Received by
[signature]	4/17/81	9:37	Inder

DISTRIBUTION: White - Laboratory, Canary - Laboratory, Pink - Account Executive, Gold - Client

BOE-C6-0000081

APPENDIX 5
CEMENT DELIVERY TICKETS

CONTROL NUMBER 7985367

ROBERTSON'S
OPEN 7 DAYS
P.O. BOX 33140, RIVERSIDE, CA 92519
PHONE (800) 834-7557

* 101C7985367 *

#1 RIVERSIDE - 16830 VAN BUREN BLVD.
#2 MORENO VALLEY - 12850 DAY STREET
#3 REDLANDS - 8353 ALABAMA
#4 FONTANA - 13792 SLOVER AVE.
#5 POMONA - 2470 POMONA BLVD.
#6 HEMET/SAN JACINTO - 1675 STATE STREET
#7 BEAUMONT - 482 FIFTH PLACE
#8 SUN CITY - 27050 WATSON ROAD
#9 ARROWHEAD - 26780 HWY 18
#10 SANTA FE SPRINGS - 12311 GREENSTONE AVENUE
#11 CABAZON - 13880 APACHE TRAIL
#12 ANAHEIM HILLS - 9010 SANTA ANA CANYON RD.
#13 IRWINDALE - 13831 LIVE OAK LANE
#14 PASADENA - 1820 N. LINCOLN AVE.
#15 VERNON-LOS ANGELES - 3326 E. 26TH STREET
#16 ANAHEIM - 201 E. COMMERCIAL STREET
#17 SANTA ANA - 310 N. TOWNSEND STREET
#18 LAKE FOREST - 25831 TOWN CENTRE DR.
#19 ADELANTO - 12203 VIOLET RD.
#20 SAN CLEMENTE - 116 RINCON CT.
#21 IRVINE - 16661 CONSTRUCTION CIR. WEST
#22 NO. HOLLYWOOD - 13138 RAYMER STREET
#23 PARAMOUNT - 7277 E. ROSECRANS AVE.
#24 RIALTO - 2801 N. ALDER AVENUE

PLANT	DATE	CUSTOMER NO.	SOLD TO:	MAP PAGE	TICKET NO.
23	05/17/01	53680	BEYLIK DRILLING INC	764A3	7985367

TX CD — DELIVERY ADDRESS & INSTRUCTIONS — CUSTOMER P.O. / JOB OR LOT #

ENTER GATE AT HARBOR GATE — 05-9430 — 60098
AND FRANCISCO — TORRANCE — (562)691-0903LAST TKS
Job Phone : (562)755-0813

OPU NO.	METER READING	TIME TYPED	TRUCK LIC NO.	
542	2290.00	12:50	5028674	DEAN

LOAD NO.	SLUMP	TRUCK	DRIVER	
1	2.00	568	1862 GUERRO EDUARDO	STRUCTURES

JOB START : 13:00

TO JOB 1305 — DRUM REVS. — Job-site Cylinder Test: ☐ Yes — TIME ON JOB ______ MIN. — CHECK # ______
ON JOB 1315 — Water added on job at Customer's request: — STAND BY ______ MIN. — CHECK ☐ ______ AMOUNT BY
START POUR 1350 — ______ gals to Full Ld. — RATE OF X $ ______ PER MIN. — CASH ☐ ______ AMOUNT BY
FINISH POUR ______ — ______ gals to 2/3 Ld. — $ ______ OVERTIME CHARGE — PLANT MGR SIG ______
LEAVE JOB ______ — ______ gals to 1/3 Ld.
ARRIVE PLANT ______ — ADJ. Meter MIN

Additional water added to this concrete will reduce its strength. Any water added is at customer's own risk.

4 min. per yd. free unloading time allowed. Additional unloading time charged at current hourly truck rate.

TERMS AND CONDITIONS OF SALE

[illegible] ... agrees to indemnify and hold harmless Robertson's and ... [illegible] ... In any ... the Customer agrees to pay reasonable attorney's fees incurred by Robertson's. Customer agrees to pay ... [illegible] ... thirty (30) days.

LOAD QUANTITY	CUMULATIVE QUANTITY	ORDERED QUANTITY	PRODUCT CODE	MIX AND COMMODITY DESCRIPTION	UNIT OF MEASURE	UNIT PRICE	AMOUNT
4.00	4.00	4.00	963	21 SK-NEAT W/ASH	CY		

DEL CHARGE

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

ROBERTSON'S WEIGHMASTER

Jerry Atkins
BY DEPUTY

TAX
PREVIOUS BALANCE
SUB TOTAL
STAND BY CHARGE
TOTAL

AGREED TO AND RECEIVED BY CUSTOMER

DELIVERY TICKET

MUSHROOM CAP TICKET

OPEN 7 DAYS
P.O. BOX 30 ... RIVERSIDE, CA 92519
PHONE (800) 834-7557

PLANT	DATE	CUSTOMER NO.	SOLD TO:
23	/16/	53680	BEYLIK DRILLING INC

DELIVERY ADDRESS & INSTRUCTIONS

19503 S. ...MANDIE

C/S FRAN...CO TORRANCE (562)691-0003LAST

Job Phone : (562)755-5813

METER READING	TIME TYPED	TRUCK LIC NO.	
2200.00	12:27	5Y7...05	DEAN

SLUMP	TRUCK	DRIVER	
2.00	881	1671 RIOS ROBERT	STRUCTU...

JOB START : 13:00

Jobsite Cylinder Test ☐ Yes

TIME ON JOB

Water added on job at Customer's request:

STAND BY

______ gals to Full Ld

______ gals to 2/3 Ld

______ gals to 1/3 Ld

LOAD QUANTITY			CODE	DESCRIPTION
8.00		8.00	563	21 SK-NEAT W...

THIS IS TO CERTIFY ...

Jerry ...tkins

Be... ...lling INC.

DELIVERY TI...

10 FOOT TO 186 FOOT CEMENT SEAL TICKET

THIS IS NOT A TICKET NO.

CONTROL NUMBER 8004573

ROBERTSON'S

OPEN 7 DAYS
P.O. BOX 33140, RIVERSIDE, CA 92519
PHONE (800) 834-7557

% 1010 8004573 %

#1 RIVERSIDE - 6830 VAN BUREN BLVD.
#2 MORENO VALLEY - 12880 DAY STREET
#3 REDLANDS - 8353 ALABAMA
#4 FONTANA - 13782 SLOVER AVE.
#5 POMONA - 2470 POMONA BLVD.
#6 HEMET/SAN JACINTO - 1675 STATE STREET
#7 BEAUMONT - 452 FIFTH PLACE
#8 SUN CITY - 27060 WATSON ROAD
#9 ARROWHEAD - 29750 HWY 18
#10 SANTA FE SPRINGS - 12311 GREENSTONE AVENUE
#11 CABAZON - 13998 APACHE TRAIL
#12 ANAHEIM HILLS - 6010 SANTA ANA CANYON RD.
#13 IRWINDALE - 13631 LIVE OAK LANE
#14 PASADENA - 1420 N. LINCOLN AVE.
#15 VERNON-LOS ANGELES - 3365 E. 26TH STREET
#16 ANAHEIM - 201 E. COMMERCIAL STREET
#17 SANTA ANA - 310 N. TOWNSEND STREET
#18 LAKE FOREST - 25931 TOWN CENTRE DR.
#19 ADELANTO - 12203 VIOLET RD.
#20 SAN CLEMENTE - 116 RINCON CT.
#21 IRVINE - 16081 CONSTRUCTION CIR. WEST
#22 NO. HOLLYWOOD - 13132 RAYMER STREET
#23 PARAMOUNT - 7277 E. ROSECRANS AVE.
#24 RIALTO - 2601 N. ALDER AVENUE

PLANT	DATE	CUSTOMER NO:	SOLD TO:	MAP PAGE	TICKET NO.
23	05/11/01	53680	BEYLIK DRILLING INC	764A3	8004573

TX CD — DELIVERY ADDRESS & INSTRUCTIONS — CUSTOMER PO. / JOB OR LOT #

19503 S. NORMANDIE — 05-9430 60090
ENTER OFF FRANCISCO — TORRANCE — (562)691-0903 LAST TKS
Job Phone : (562)755-5711

CPU NO.	METER READING	TIME TYPED	TRUCK LIC NO.	
530	2200.00	12:46	5Y71266	DEAN

LOAD NO.	SLUMP	TRUCK	DRIVER	
1	2.00	910	267 CHAVEZ, EDWARD	SLURRY

TO JOB 1305 — DRUM REVS: — Job-site Cylinder Test: ☐ Yes — JOB START : 12:30
ON JOB 1338 — Water added on job at Customer's request:
START POUR 1340 — _____ gals to Full Ld.
FINISH POUR _____ — _____ gals to 2/3 Ld.
LEAVE JOB _____ — _____ gals to 1/3 Ld.
ARRIVE PLANT _____ — _____ ADJ. Meter 4 MIN

TIME ON JOB _____ MIN. — CHECK # _____
STAND BY _____ MIN. — CHECK ☐ _____ AMOUNT _____ BY
RATE OF X $ _____ PER MIN. — CASH ☐ _____ AMOUNT _____ BY
$ _____ OVERTIME CHARGE — PLANT MGR SIG _____

Additional water added to this concrete will reduce its strength. Any water added is at customer's own risk.

4 min. per yd. free unloading time allowed. Additional unloading time charged at current hourly truck rate.

TERMS AND CONDITIONS OF SALE

In consideration of Robertson's delivering the described material to a place designated by the Customer, the Customer hereby releases and agrees to indemnify and hold harmless Robertson's and its employees from all liability or claims for damage done by them, resulting from the movement of Robertson's vehicles upon or about the delivery location. Customer acknowledges that the described material has been chosen and selected solely by Customer without Robertson's having reviewed any plans or specifications relating to the project on which the material is to be used. Customer agrees to defend, indemnify, and hold Robertson's harmless from all liability or claims for damage relating to said material being inappropriate, incompatible, improper or inconsistent with plans and specifications, or with the ground soils or conditions on the land where the material is utilized, to the fullest extent permitted by law. In event Robertson's retains the services of an attorney to collect payment for the described materials, the Customer agrees to pay reasonable attorney's fee's incurred by Robertson's. Customer agrees to pay a time price differential of 11½% per month on any amounts owed to Robertson's for more than thirty (30) days.

LOAD QUANTITY	CUMULATIVE QUANTITY	ORDERED QUANTITY	PRODUCT CODE	MIX AND COMMODITY DESCRIPTION	UNIT OF MEASURE	UNIT PRICE	AMOUNT
8.00	8.00	18.00	963	21 SK-NEAT W/ASH	CY		

DEL. CHARGE

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

ROBERTSON'S WEIGHMASTER

Jerry Atkins

BY DEPUTY

TAX
PREVIOUS BALANCE
SUB TOTAL
STAND BY CHARGE
TOTAL

AGREED TO AND RECEIVED BY CUSTOMER

DELIVERY TICKET

186 FOOT TO 599 FOOT CEMENT SEAL TICKET

THIS IS NOT A TICKET NO.

CONTROL NUMBER 8004600

ROBERTSON'S

OPEN 7 DAYS
P.O. BOX 33140, RIVERSIDE, CA 92519
PHONE (800) 834-7557

* 101C8004600 *

#1 RIVERSIDE - 6830 VAN BUREN BLVD.
#2 MORENO VALLEY - 12660 DAY STREET
#3 REDLANDS - 8353 ALABAMA
#4 FONTANA - 13792 SLOVER AVE.
#5 POMONA - 2470 POMONA BLVD.
#6 HEMET/SAN JACINTO - 1675 STATE STREET
#7 BEAUMONT - 452 FIFTH PLACE
#8 SUN CITY - 27050 WATSON ROAD
#9 ARROWHEAD - 29750 HWY 18
#10 SANTA FE SPRINGS - 12311 GREENSTONE AVENUE
#11 CABAZON - 13660 APACHE TRAIL
#12 ANAHEIM HILLS - 9010 SANTA ANA CANYON RD.
#13 IRWINDALE - 13631 LIVE OAK LANE
#14 PASADENA - 1420 N. LINCOLN AVE.
#15 VERNON-LOS ANGELES - 3365 E. 26TH STREET
#16 ANAHEIM - 201 E. COMMERCIAL STREET
#17 SANTA ANA - 310 N. TOWNSEND STREET
#18 LAKE FOREST - 25631 TOWN CENTRE DR.
#19 ADELANTO - 12203 VIOLET RD.
#20 SAN CLEMENTE - 116 RINCON CT.
#21 IRVINE - 15661 CONSTRUCTION CIR. WEST
#22 NO. HOLLYWOOD - 13132 RAYMER STREET
#23 PARAMOUNT - 7277 E. ROSECRANS AVE.
#24 RIALTO - 2801 N. ALDER AVENUE

PLANT	DATE	CUSTOMER NO:	SOLD TO:	MAP PAGE	TICKET NO.
23	05/11/01	53680	BEYLIK DRILLING INC	764A3	8004600

TX CD — DELIVERY ADDRESS & INSTRUCTIONS — CUSTOMER P.O. / JOB OR LOT #

19503 S. NORMANDIE — 05-9430 60098
ENTER OFF FRANCISCO — TORRANCE — (562)691-0903LAST TKS 910
Job Phone : (562)755-5711 — ENTR 2ND DRVWY E/HARBORGATE DN DRT RD

CPU NO.	METER READING	TIME TYPED	TRUCK LIC NO.	
530	2200.00	14:18	6D83776	DEAN

LOAD NO.	SLUMP	TRUCK	DRIVER	
2	2.00	955	2250 RILEY JEFF	SLURRY

TO JOB 2:36
ON JOB 15:05
START POUR 15:10
FINISH POUR 15:47
LEAVE JOB
ARRIVE PLANT

DRUM REVS: 100

JOB START : :

Job-site Cylinder Test: ☐ Yes

Water added on job at Customer's request:
_____ gals to Full Ld.
_____ gals to 2/3 Ld.
_____ gals to 1/3 Ld.
_____ ADJ. Meter 4 MIN

Additional water added to this concrete will reduce its strength. Any water added is at customer's own risk.

TIME ON JOB _____ MIN.
STAND BY _____ MIN.
RATE OF X $ _____ PER MIN.
$ _____ OVERTIME CHARGE

CHECK # _____
CHECK ☐ _____ AMOUNT BY
CASH ☐ _____ AMOUNT BY
PLANT MGR SIG _____

4 min. per yd. free unloading time allowed. Additional unloading time charged at current hourly truck rate.

TERMS AND CONDITIONS OF SALE

In consideration of Robertson's delivering the described material to a place designated by the Customer, the Customer hereby releases and agrees to indemnify and hold harmless Robertson's and its employees from all liability or claims for damage done by them, resulting from the movement of Robertson's vehicles upon or about the delivery location.
Customer acknowledges that the described material has been chosen and selected solely by Customer without Robertson's having reviewed any plans or specifications relating to the project on which the material is to be used. Customer agrees to defend, indemnify, and hold Robertson's harmless from all liability or claims for damage relating to said material being inappropriate, incompatible, improper or inconsistent with plans and specifications, or with the ground soils or conditions on the land where the material is utilized, to the fullest extent permitted by law.
In event Robertson's retains the services of an attorney to collect payment for the described materials, the Customer agrees to pay reasonable attorney's fee's incurred by Robertson's.
Customer agrees to pay a time price differential of 1½% per month on any amounts owed to Robertson's for more than thirty (30) days.

LOAD QUANTITY	CUMULATIVE QUANTITY	ORDERED QUANTITY	PRODUCT CODE	MIX AND COMMODITY DESCRIPTION	UNIT OF MEASURE	UNIT PRICE	AMOUNT
8.00	16.00	16.00	963 21	SK-NEAT W/ASH	CY		

DEL. CHARGE

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ROBERTSON'S WEIGHMASTER

Dave Gallas

BY DEPUTY

TAX
PREVIOUS BALANCE
SUB TOTAL
STAND BY CHARGE
TOTAL

ACCEPTED AND RECEIVED BY CUSTOMER

DELIVERY TICKET

186 FOOT TO 599 FOOT CEMENT SEAL TICKET